Appendix A

Element	nt		Fe	Δn	ర	ვ	>	Mo	₹	Zr	Sn	F	Sum
Atomi	Atomic mass	Š.	55,845	54,938	51,996	58,933	50,942	95,96	26,982	91,224	118,71	47,867	
Exam	ple acc	Example according to claim 3 in Atom-%	2,5%	3,5%	2,5%	2,0%	7,5%	2,0%	2,5%	ı	1	71,5%	100,0%
Atom	ic-mas	Atomic-mass content of the alloy	1,396125	1,92283	2,85978	1,17866	3,82065	1,9192	1,48401	1	,	34,224905	48,80616
Exam	ple acc	Example according to claim 3 Weight-%	2,86%	3,94%	5,86%	2,41%	7,83%	3,93%	3,04%	•	1	70,12%	100,0%
Alloy	io	Alloy I of Table I in Weight-%	2,05%	'			1,97%	4,11%		'		91,87%	100,0%
Table	Alloy		Fe	Mn	ί	8		Mo	₹	Zr	Sn	i E	Sum
	~	Atom-%	1,80%			,	1,90%	2,10%	1		1	94,20%	100,00%
		Weight-%	2,05%	1	1	1	1,97%	4,11%	ı	1	1	91,87%	100,00%
	2	Atom-%	7,20%	1	,	1	7,90%	3,10%	,	,	,	81,80%	100,00%
		Weight-%	8,01%	ľ	ı	•	8,05%	5,93%	1	• .	1	78,04%	100,00%
	က	Atom-%	1	%05'9	1	•	8,10%	3,20%	1	ı	1,70%	80,50%	100,00%
		Weight-%	4	6,96%	ı	1	8,04%	5,98%	1	1	3,93%	75,09%	100,00%
	4	Atom-%	1	4,40%	ı	,	7,60%	2,00%	5,40%	1	r	80,60%	100,00%
		Weight-%	-	5,01%	-	1	8,02%	3,98%	3,02%	1	ı	%26'62	100,00%
	2	Atom-%	2,60%	١	,	ı	%09'2	3,10%	5,40%	•	ι	81,30%	100,00%
		Weight-%	2,98%	-	i	1	7,95%	6,11%	2,99%	•	1	%96'62	100,00%
	9	Atom-%		•	2,60%	•	7,70%	3,10%	5,40%	•	1	78,20%	100,00%
		Weight-%	•	,	5,98%	'	8,05%	6,11%	2,99%	-	1	76,87%	100,00%
	7	Atom-%	1	3,50%	1	,	2,60%	3,10%	5,40%	ı	ı	80,40%	100,00%
-		Weight-%	•	3,95%	•	٠	7,95%	6,11%	2,99%	-	,	79,01%	100,00%
	80	Atom-%	4,50%	ı	1	1	7,80%	2,10%	2,50%	3,30%	1	%08'92	100,00%
		Weight-%	5,05%	-	-	-	7,99%	4,05%	2,98%	6,05%	-	73,88%	100,00%
	6	Atom-%	1,80%	3,70%	1	t	%06'2	2,10%	2,60%	,	2,50%	76,40%	100,00%
		Weight-%	2,01%	4,06%	1	,	8,03%	4,02%	3,01%	1	5,92%	72,96%	100,00%
	9	Atom-%	1	1	2,50%	ı	7,50%	2,00%	6,20%	t	1	78,80%	100,00%
		Weight-%	1	-	2,96%	'	7,96%	4,00%	3,49%	-	1	78,60%	100,00%
	7	Atom-%	1	3,50%	1	'	%09'2	1,70%	2,30%	1	,	81,90%	100,00%
		Weight-%	1	4,00%	- 1		8,06%	3,39%	2,98%	-	-	81,57%	100,00%
	12	Atom-%	1	2,80%	1	•	-	5,40%	4,80%	1	1,70%	85,30%	100,00%
		Weight-%	'	3,02%	1	ı	,	10,19%	2,55%	1	3,97%	80,27%	100,00%
	5	Atom-%	1,80%	3,60%	1	1	2,00%	3,10%	2,60%	3,30%	1	80,60%	100,00%
		Weight-%	2,01%	3,95%	1	1	2,03%	5,94%	3,02%	6,01%	,	77,04%	100,00%
	14	Atom-%	1	ı	ı	2,00%	%09'2	3,10%	2,50%		ı	81,80%	100,00%
		Weight-%	١		'	2,42%	7,96%	6,11%	3,05%	'	ŀ	80,46%	100,00%

Table	Table Alloy		Fe	Mn	Cr Co		>	Mo	A	Zr	Sn	iΞ	Sum
	-	Atom-%		3,60%	1	ι	7,70%	3,10%	5,40%		ı	80,20%	100,00%
		Weight-%		. 4,06%		•	8,05%	6,11%	2,99%	•	,	78,79%	100,00%
	7	Atom-%	'	3,60%	1	ı	7,80%	3,10%	2,50%	2,10%	ı	77,90%	100,00%
		Weight-%		3,99%	•	1	8,01%	%00'9	2,99%	3,86%	1	75,16%	100,00%
	က	Atom-%	•		4,70%	•	%09'2	3,00%	5,40%	1	1	79,30%	100,00%
		Weight-%	'	'	5,03%	•	7,96%	5,92%	3,00%	-	ı	78,09%	100,00%
0	4	Atom-%	•		2,50%	,	%09'2	2,00%	5,40%	1	ī	79,50%	100,00%
ı		Weight-%	•	,	5,94%	•	8,04%	3,98%	3,03%	•	•	79,01%	100,00%
	2	Atom-%	'	3,50%	ı	ı	%09'2	3,00%	7,20%	1	1	78,70%	100,00%
		Weight-%		3,98%	ı	1	8,05%	2,96%	4,02%	1	,	78,02%	100,00%
	9	Atom-%	. 1	4,50%	ı		7,70%	1,50%	5,40%	1	1,60%	79,30%	100,00%
		Weight-%	1	5,03%	1	1	7,98%	2,93%	2,96%	•	3,86%	3,86% 77,23%	100,00%
	7	Atom-%	2,70%	. 1	ı	•	%09'2	2,00%	2,50%		•	82,20%	100,00%
		Weight-%	3,13%	-	1	1	8,04%	3,99%	3,08%	•	1	81,75%	100,00%

1 Atom-% - 3,60% - 7,70% 3,10% 5,40% 2 Weight-% - 4,06% - 7,80% - 2,99% 2,11 2 Atom-% - 3,60% - - 7,80% 3,10% 5,50% 2,11 3 Atom-% - - 4,70% - 7,60% 3,10% 5,50% 2,11 4 Atom-% - - 4,70% - 7,60% 3,00% 5,40% 5 Atom-% - - 5,94% - 7,60% 3,00% 5,40% 6 Atom-% - - 5,94% - 7,60% 3,00% 7,20% 5 Atom-% - - 5,94% - 7,60% 3,00% 7,20% 6 Atom-% - 3,50% - - 7,60% 3,00% 7,20% 7 Atom-% - 3,98% -	Table	Alloy		Fe	Mn	Cr	Co	>	Mo	Ā	Zr	Sn	ļ⊨	Sum
2 Atom-% - 4,06% - - 8,05% 6,11% 2,99% 2 Atom-% - 3,60% - - 7,80% 3,10% 5,50% 3 Atom-% - 4,70% - 7,60% 3,10% 5,99% 4 Atom-% - - 4,70% - 7,60% 3,00% 5,40% 4 Atom-% - - 5,94% - 7,60% 3,00% 5,40% 5 Atom-% - - 5,94% - 8,04% 3,98% 3,03% 5 Atom-% - - 3,50% - - 7,60% 3,00% 7,20% 6 Atom-% - 3,50% - - 1,50% 2,96% 4,02% 6 Atom-% - 3,50% - 7,60% 3,00% 7,20% 7 Atom-% - 3,50% - 7,50% 4,02% <		1	Atom-%		- 3,60%		,	7,70%	l	5,40%	'		80,20%	100,00%
2 Atom-% - 3,60% - 7,80% 3,10% 5,50% 3 Weight-% - 3,99% - - 8,01% 6,00% 2,99% 3 Atom-% - - 4,70% - 7,60% 3,00% 5,40% 4 Atom-% - - 5,03% - 7,60% 3,00% 5,40% 5 Atom-% - - 5,94% - 7,60% 3,00% 5,40% 6 Atom-% - - 5,94% - 7,60% 3,00% 7,20% 6 Atom-% - 3,50% - - 6,94% 3,00% 7,20% 6 Atom-% - 3,50% - - 8,02% 5,96% 4,02% 7 Atom-% - 3,98% - - 8,02% 5,96% 4,02% 8 Atom-% - 3,98% - 7,70% 1,50%			Weight-%		- 4,06%	,	1	8,05%	6,11%	2,99%	i	ı	78,79%	100,00%
Weight-% - 3,99% - - 8,01% 6,00% 2,99% 3 Atom-% - - 4,70% - 7,60% 3,00% 5,40% 4 Atom-% - - 5,03% - 7,60% 5,40% 5,40% 4 Atom-% - - 5,50% - 7,60% 2,00% 5,40% 5 Atom-% - - 5,50% - 7,60% 3,00% 7,20% Weight-% - 3,50% - - 6,94% 3,00% 7,20% Weight-% - 3,50% - - 6,00% 3,00% 7,20% Weight-% - 3,50% - - 6,00% 3,00% 7,20% Weight-% - 3,50% - - 6,00% 3,00% 7,20% Atom-% - 3,50% - - 6,00% 3,00% 7,20% Atom-%		7	Atom-%		- 3,60%		1	7,80%	3,10%	2,50%	2,10%	'	%06'22	100,00%
3 Atom-% - 4,70% - 7,60% 3,00% 4 Weight-% - - 5,03% - 7,60% 5,92% 4 Atom-% - - 5,50% - 7,60% 2,00% 5 Atom-% - - 5,94% - 7,60% 3,00% 6 Atom-% - 3,50% - - 7,60% 3,00% 8 Atom-% - 3,98% - - 7,60% 3,00% 9 Atom-% - 3,98% - - 7,60% 3,00% 10 Atom-% - 4,50% - - 7,60% 3,00%			Weight-%		- 3,99%	-	ı	8,01%	%00'9	2,99%	3,86%	•	75,16%	100,00%
Weight-% - 5,03% - 7,96% 5,92% 4 Atom-% - - 5,50% - 7,60% 2,00% 5 Atom-% - 3,50% - 7,60% 3,00% Weight-% - 3,50% - 7,60% 3,00% Weight-% - 3,50% - 7,60% 3,00% Veight-% - 3,98% - - 7,60% 3,00% 7 Atom-% - 3,98% - - 7,60% 3,00% 7 Atom-% - 4,50% - 7,70% 1,50% 7 Atom-% - 4,50% - 7,70% 1,50% 7 Atom-% - 4,50% - 7,70% 1,50% 8 Atom-% - 5,03% - - 7,98% 2,93%		က	Atom-%		1	4,70%	,	%09'2	3,00%	5,40%	1	ı	79,30%	100,00%
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Atom-% - 4,50% 7,70% 1,50% Weight-% - 5,03% 7,98% 2,93%			Weight-%		- 3,98%	1	'	8,02%	2,96%	4,02%	3	1	78,02%	100,00%
- 5,03% 7,98% 2,93%		7			- 4,50%	1	1	7,70%	1,50%	5,40%		1,60%	%06,87 %09,1	100,00%
			Weight-%		- 5,03%	-	'	7,98%	2,93%	2,96%	1	3,86%	77,23%	100,00%